



DENTAL HT AGENT

VERSION 1.0.0.2

FEBRUARY 2019

Presented by
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Dental HT Agent

Introduction

Dental HT Agent is a client side tool provided to assist Dental Hi-Tech Management Employees in setting up, configuring and troubleshooting workstations and servers.

This tool is only intended to be used by Dental Hi-Tech Management Employees. It is prohibited to use or distribute this software without proper permission and use other than its intended design.

NOTE: This tool is continuously improved and periodically updated, be sure to use the latest version, which can be downloaded at <https://dentalht.com/setup>

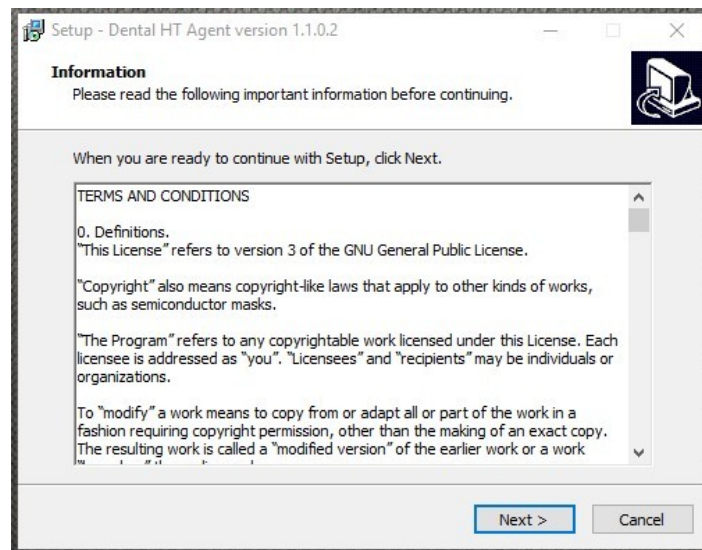
System Requirements

Minimum requirements for Dental HT Agent are **Microsoft Windows 7 and up x86 x64** and **Microsoft .NET Framework 4.5** and up.

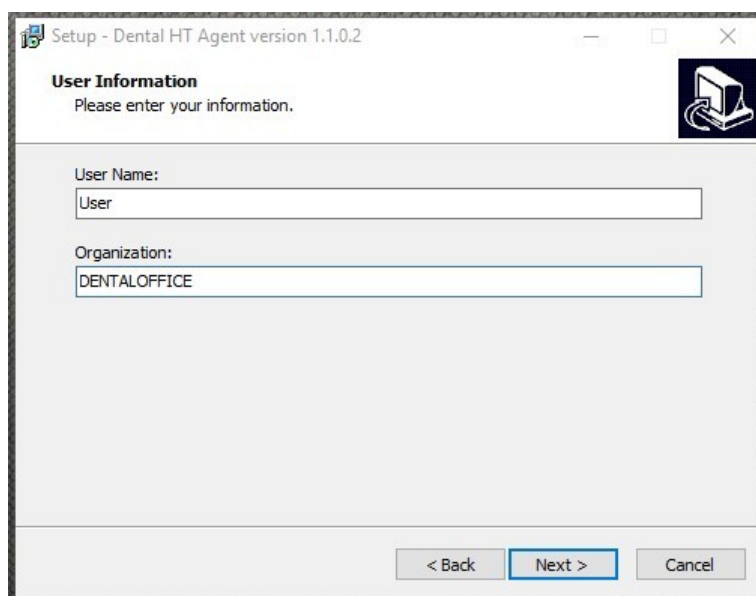
NOTE: Some of the third party tool may require additional software or may have different minimum requirements than Dental HT Agent.

Installation

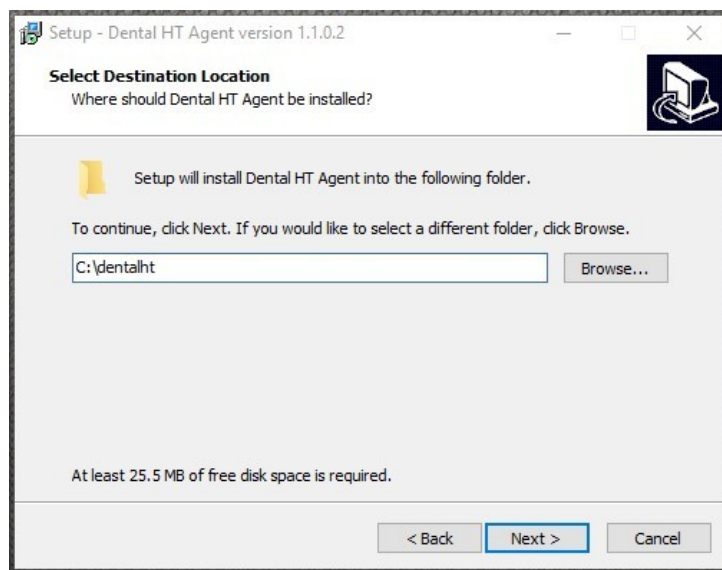
After you download the latest version, run the *dentalht_setup.exe*. Installation will guide you through the setup process of DentalHT Agent.



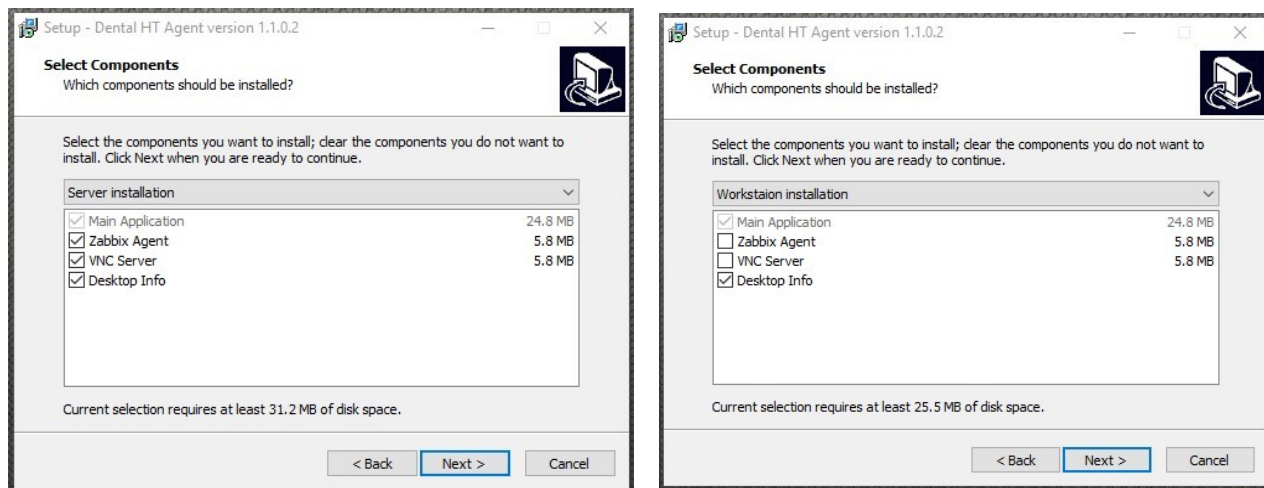
First the wizard will prompt you to enter the username and organization. The username is filled automatically to the value of the currently logged on user. Enter the name of the customer(Account) in the *Organization* field. This value will serve as identifier for the owner of the given workstation, and it will appear in *Account* entry on the DesktopInfo.



In the next step you will be asked to provide an installation path of the application. The default value is [C:\dentalht](#) it is recommended you leave this unchanged, but if it is necessary you have the option to do so.

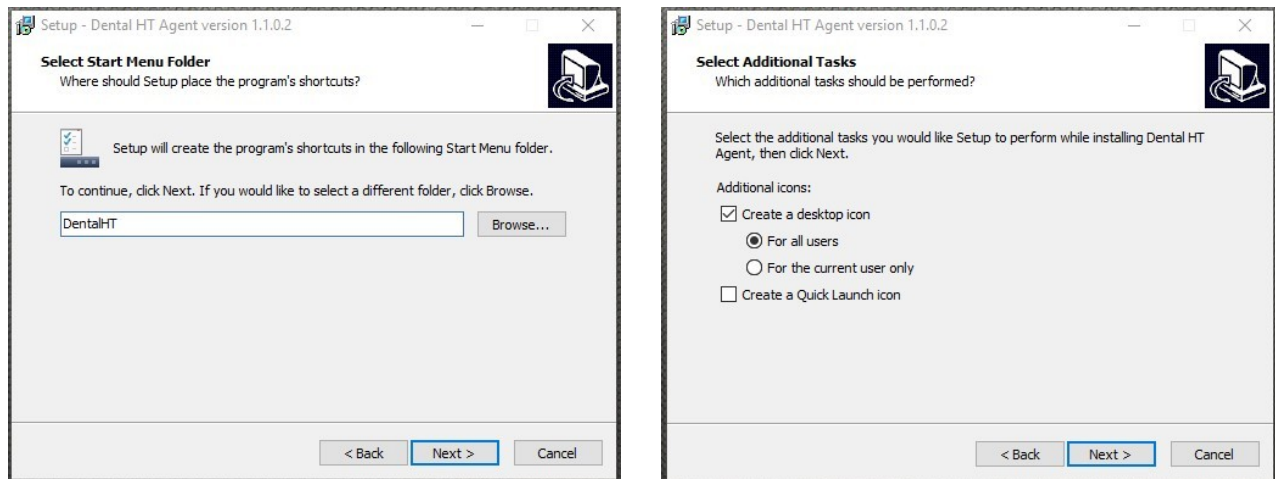


After confirming installation path, select the feature type if you're installing on a server select *Server Installation* or *Workstation Installation* if you installing on a workstation.

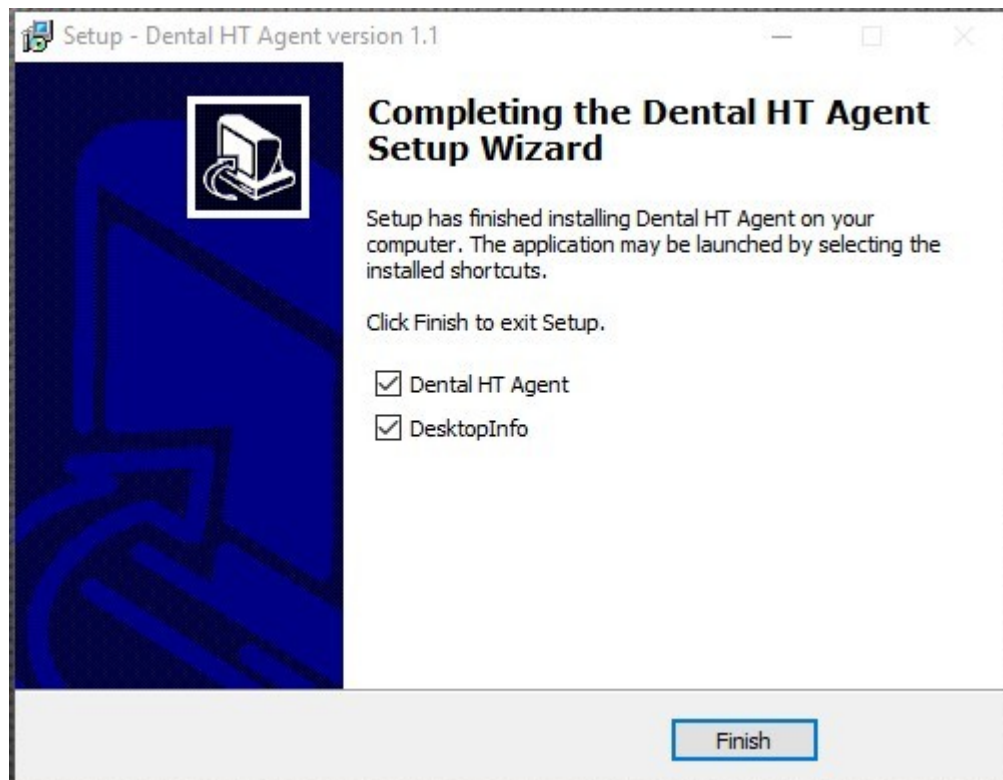


Please note the *Server Installation* includes Zabbix Agent installer and VNC Server for remote access alternative to LogMeIn. If you select *Workstation Installation* those features will not be available.

You can also change the name of the folder that will appear in the start menu as well as create desktop shortcuts.

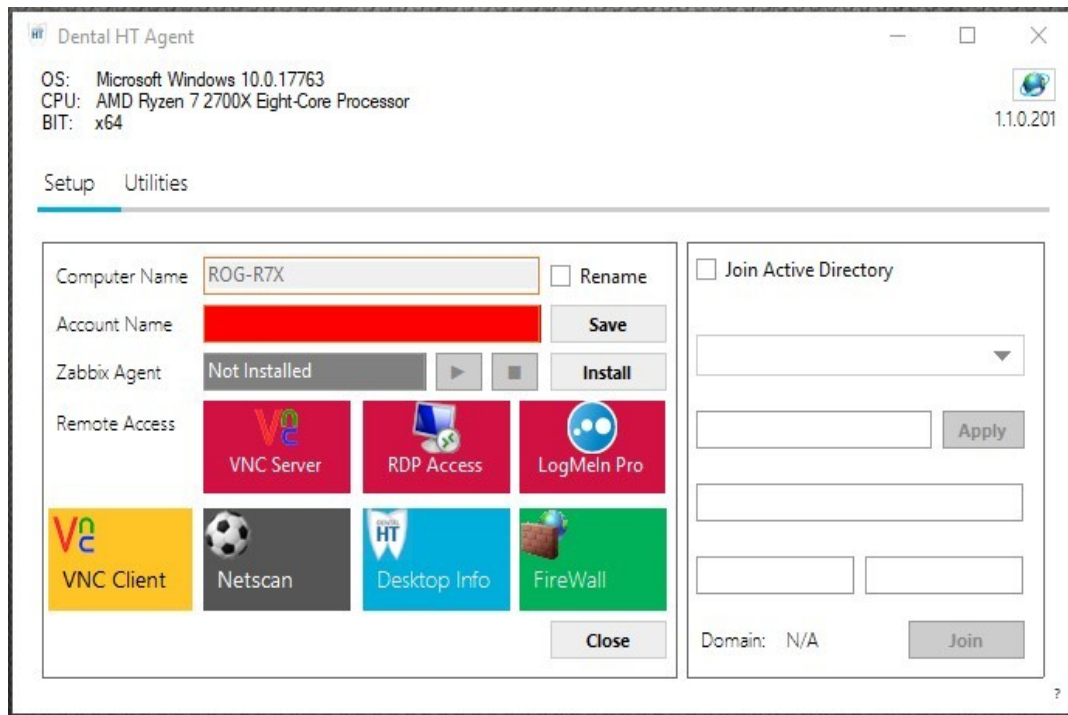


After the installation is complete, you will be given a choice to launch the App and DesktopInfo



Main Application

The first screen you will see after launching the app is the main screen.



1. System information (OS, CPU & architecture)
2. Version & Check for Updates
3. Application Main Tabs (Setup & Utilities)
4. Computer Name, computer NETBIOS name
5. Account Name, client account to which computer belongs to
6. Zabbix service Control
7. Remote Access Control
8. VNC Client
9. Netscan
10. DesktopInfo(logo)
11. Firewall Control
12. Active Directory Control

Setup (continued)

In the top left corner of the main windows you will find some basic computer hardware information like operating system version CPU model/speed and architecture. Three icons above from left to right are About, VNC, netscan.

? VNC netscan
OS: Microsoft Windows 10.0.17134
CPU: Intel(R) Core(TM) i5-4690K CPU @ 3.50GHz
BIT: x64

If you're setting up a new workstation, or a freshly reinstalled operating system, this tool will make it easier to configure account, remote access, join domain and more. To start we assume the computer is a workstation that is joining an existing network infrastructure. First we add an account this workstation will belong to, just like in the old tool we follow the convention of single word in all capital letters. Enter into the **Account Name** field and click Save. If you need to rename the computer before continuing do it now by selecting **Rename** and entering new computer name then clicking Save. At this stage you may be asked to restart the computer which is highly recommended.

The screenshot shows a configuration window with the following fields and controls:

- Account Name:** A text field containing "DENTALHT" with a red background. A "Save" button is to its right.
- System Name:** A text field containing "ALEX-TOWER". To its right is a "Rename" checkbox.
- Remote Access:** A dropdown menu. To its right is an "Enable" checkbox.
- Zabbix Agent:** A status field showing "Not Installed" with a red background. To its right are a play button, a stop button, and an "Install" button.
- UP:** "1 days 21 hours 47 minutes"
- IP:** "192.168.100.191"
- GW:** "192.168.100.2"
- DNS:** "192.168.100.253 0.0.0.1"
- Buttons:** Three buttons are shown: "Add Logo" (blue), "SQL Backup" (grey), and "FireWall" (green).
- Save:** A large "Save" button at the bottom right.

There are three buttons, LogMeIn Pro, VNC, and MS RDP. Each button will have a red or green background if the appropriate service is disabled or enabled. By clicking any of those buttons while in disabled(red) state will initialize an installation of a particular service.

NOTE: Tight VNC installation package is included with this tool, but LogMeIn requires an active internet connection to download the latest client installer. MS RDP Enables remote desktop access to this computer, but you may still need to adjust firewall exceptions.

Zabbix

The new update to the Dental HT Agent is a built in Zabbix client service control. You can now install, start, stop, uninstall the service and monitor its status right from the main window.

Generally Zabbix is installed on the server to monitor and report backups as well as other system information. Before installing the service please make sure the **Account Name** and **System Name** have been configured appropriately.

Account Name	<input type="text" value="DENTALHT"/>	<input type="checkbox"/> Change
System Name	<input type="text" value="ALEX-TOWER"/>	<input type="checkbox"/> Rename
Remote Access	<input type="text"/>	<input type="checkbox"/> Enable
Zabbix Agent	Not Installed	<input type="button" value="▶"/> <input type="button" value="■"/> <input type="button" value="Install"/>

NOTE: Zabbix service will use the computer name and account name to report to the server, for example based on the entered information in the above image, this service will report to Zabbix server as. DENTALHT – ALEX-TOWER

After you install the service will need to be started, click the play button, once you see the green bar the Zabbix client service has successfully started.

Zabbix Agent	Running	<input type="button" value="▶"/> <input type="button" value="■"/> <input type="button" value="Uninstall"/>
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When uninstalling the agent stop the service if running first, then click uninstall button.

*NOTE: Zabbix configurations can be found in C:\dentalht\Addons\zabbix\zabbix_agentd.conf. If you making changes to the file manually make sure to backup first, or you can copy the default.conf and name the new copy **zabbix_agentd.conf**.*

Domain Control

This tool will assist in joining an existing domain environment, or switch from one to another domain. You will need to be on the same network as the target domain controller. Select **Join Active Directory** checkbox to begin.

The image shows four sequential screenshots of a 'Join Active Directory' form, illustrating the steps to join a domain:

- Screenshot 1:** The 'Join Active Directory' checkbox is checked. Step 1, 'Select NIC', shows a dropdown menu with 'Microsoft Hyper-V Network Adapter' selected. Step 2, 'Set DNS Server IP', shows the IP '192.168.100.200' entered. The 'Domain' field is 'N/A'.
- Screenshot 2:** The 'Set DNS Server IP' field now shows '192.168.100.253'. A 'Saved!' button appears next to it.
- Screenshot 3:** Step 3, 'Enter Domain Name', shows 'DENTALHT.LOCAL' entered. Step 4, 'Username and Password', shows 'alex' entered for the username and a masked password for the password.
- Screenshot 4:** The form is ready for the final 'Join' action. The 'Domain' field still shows 'N/A'.

1. Select the network card actively connected to the domain network.
2. Enter the IP Address of the Domain Controller/DNS Server of the target domain
3. Enter the domain name including the suffix i.e. *DENTALHT.LOCAL*
4. Enter domain username and password and click Join button.

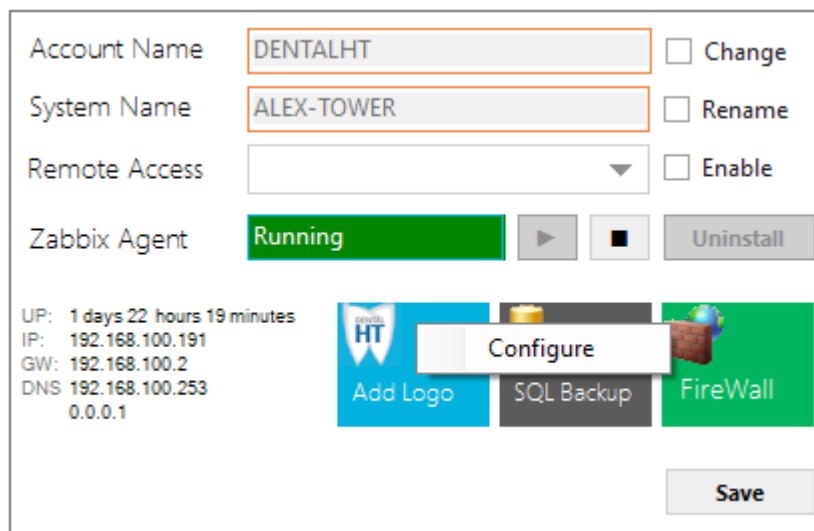
If the authentication completes successfully you will receive a message, after that it is highly recommended to reboot the computer, you will not be operating within domain environment before you reboot the pc.

If the computer is already part of the domain you will see it indicated 'Joined' at the bottom section of domain control. To change the domain check Change Active Directory and simply follow the steps described above.

The image shows a 'Change Active Directory' form. The 'Change Active Directory' checkbox is checked. The form includes a dropdown menu for selecting a network card, a text field for the DNS Server IP, and a text field for the domain name, which is currently 'DENTALHT.LOCAL'. There are also fields for username and password, and a 'Join' button. The 'Domain' field at the bottom indicates 'Joined'.

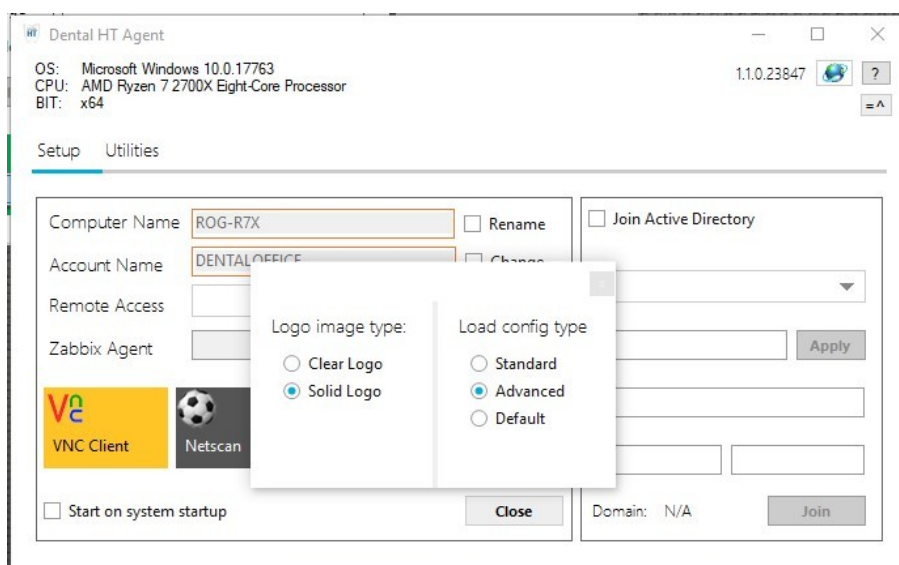
Logo

Company logo that is applied to every computer supported by Dental Hi-Tech Management has been updated to the latest version, and easy access controls have been added to configure the logo setting from the main window.



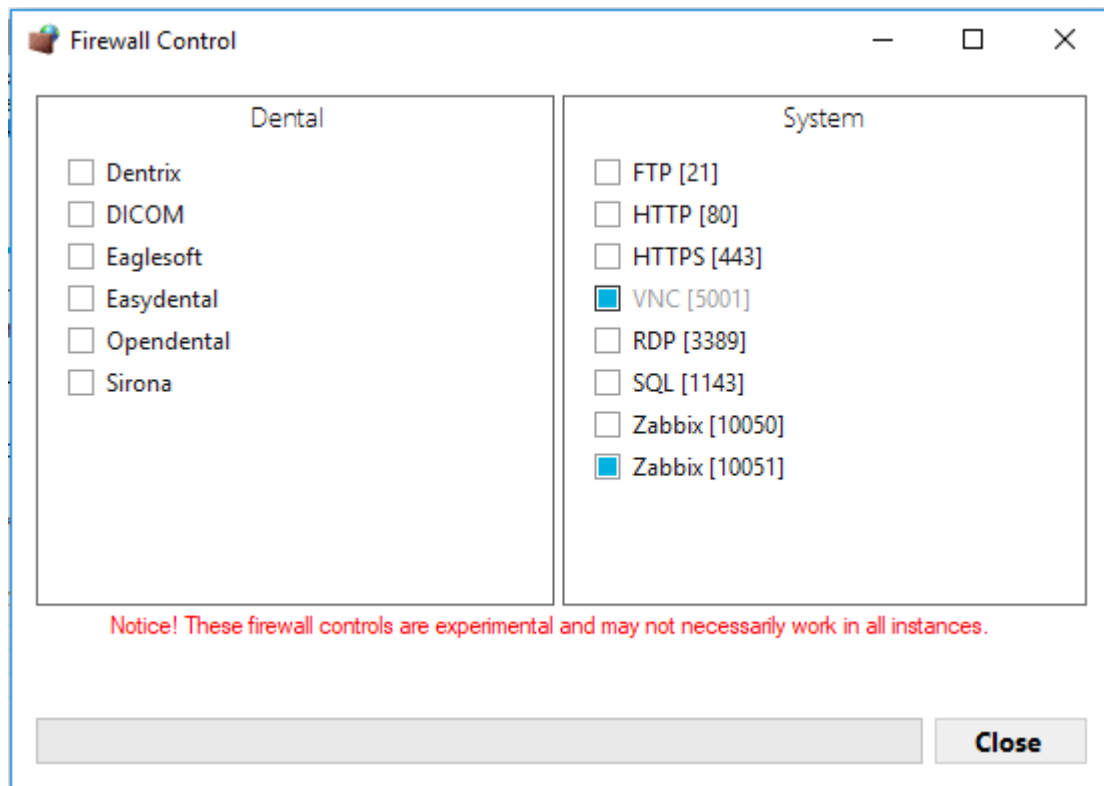
To simply add the logo with standard configurations, click **Add Logo** button, if you need to change configuration, right-click the button and click **Configure** in the context menu.

*NOTE: If there is an issue with the transparency of the logo, try changing from **clear** to **solid**.*



Firewall

Firewall utility was designed to help add firewall exceptions for the common practice management and imaging software as well as common services that are utilized within client's network.



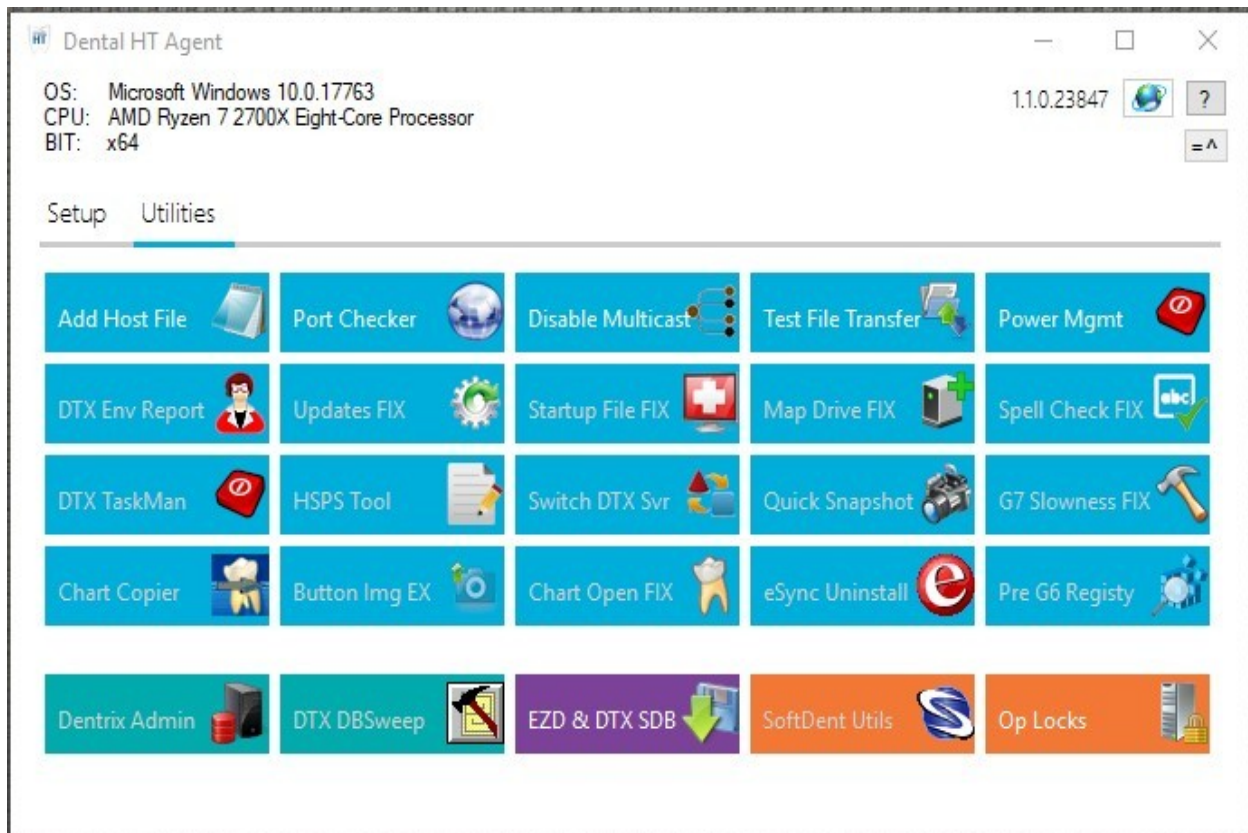
When you select a checkbox the appropriate rules will be added to the firewall and vice versa if you unselect the checkbox those rules will be removed.

NOTE: This feature is still in beta stage so may not work in all instances.

NOTE: To request an addition to the list of applications and ports of this firewall utility. Please submit application name, port numbers, protocol, absolute path and email to alex@dentalt.com with subject Feature Request – Dental HT Agent.

Utilities

This tool includes some of the commonly used troubleshooting apps and components. Click on the **Utilities** tab to access the tools.



NOTE: To request new tools to be added, please submit request with application name, any executable, brief description of the tool's function and any instruction if applicable. Zip the contents and email to alex@dentaltlht.com with subject Feature Request – DentalHT Agent